

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): MUKAIHARA, T. *et al.*
Serial No.: 09/513,702
Filed: February 25, 2000
For: SEMICONDUCTOR
LASER DEVICE
Group Art Unit: 2877
Examiner: Delma R. Flores-Ruiz
Attorney Docket: 00120/HG (007742-0034)
[6635-60672]

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §1.56 AND §§1.97-1.98

Commissioner for Patents
Washington, D.C. 20231

Sir:

The citation(s) listed on the enclosed PTO-1449 Form is (are) submitted under 37 C.F.R. §§1.97 and 1.98, and in compliance with the duty of disclosure as defined in 37 C.F.R. §1.56. The Examiner is requested to make this(these) citation(s) officially of record in the application. This Information Disclosure Statement is being submitted after the mailing of the first Office Action for the above-identified application and, to the knowledge of the undersigned, before the mailing of either a final action or a notice of allowance. Accordingly, it is believed by the undersigned that a petition and petition fee under 37 C.F.R. §1.97(d) are not required.

Certification under 37 C.F.R. §1.97(d) and (e).

Pursuant to 37 C.F.R. §1.97(e)(2), the undersigned, Hal R. Yeager, hereby certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No. 09/513,702 (007742-34)

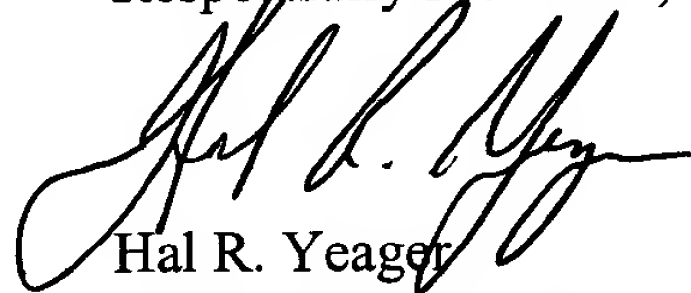
Page 2

knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Statement.

Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a *non*-counterpart foreign application not more than three months prior to the filing of this statement.

This Information Disclosure Statement Under 37 C.F.R. §1.56 is not to be construed as a representation that any of the listed citations establishes, by itself or in combination with other information, a *prima facie* case of unpatentability of any claim in the above-identified application. Additionally, this Information Disclosure Statement is not to be construed as a representation that a further search of the art has been made by Applicants, or that additional information relevant to the examination of this application does not exist unbeknownst to Applicants.

Respectfully submitted,



Hal R. Yeager
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December 14, 2002
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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 00120/HG (07742-34)		SERIAL NO. 09/513,702
	APPLICANT Toshikazu MUKAIHARA, et al.		
	FILING DATE: February 25, 2000		GROUP ART UNIT: 2877

REFERENCE DESIGNATION
U.S. PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NUMBER	DATE	NAME	Class	Subclass	Filing Date If Appropriate
DWZ	A1	5,189,679	02/23/1993	Derry, Jr.	372	45	
DWZ	A2	5,737,474	04/07/1998	Aoki, et al.	385	131	
	A3						
	A4						
	A5						

FOREIGN PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLAT'N	
							yes	no
	B1							
	B2							

OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)

DWZ	C1	T. Kamijoh, et. al., "Improved Operation Characteristics of Long-Wavelength Lasers Using Strained MQW Active Layers," IEEE Journal of Quantum Electronics, Vol. 30, No. 2, pages 524-532, February 1994, IEEE, New York.					
DWZ	C2	T. R. Chen, et. al., "Cavity Length Dependence of the Wavelength of Strained-Layer InGaAs/GaAs Lasers," Applied Physics Letters, Vol. 57, No. 23, pages 2402-2403, December 3 1990, American Institute of Physics, New York.					
	C3						

EXAMINER <i>Delma R. Flus Ruiz</i>	DATE CONSIDERED <i>1/03</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant(s).